



DEPARTMENT OF THE NAVY
BOARD OF INSPECTION AND SURVEY
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VIRGINIA BEACH, VA 23459-3295

INSURVINST 4730.73
25 July 2012

INSURV INSTRUCTION 4730.73

FROM: PRESIDENT, BOARD OF INSPECTION AND SURVEY

SUBJ: SUBMARINE EXTERNAL COUNTERMEASURE DEMONSTRATION

1. Purpose. To establish President, Board of Inspection and Survey (PRESINSURV) policy and standards for conducting operational demonstrations of submarine External Countermeasure systems.

2. Discussion. As part of Material Inspections (MIs) of submarines, INSURV will conduct operational demonstrations of External Countermeasure systems for ships equipped with these systems. Equipment to be demonstrated includes:

a. The External Countermeasure launch system actuated from the Control Room.

b. The ship's sonar system, for verification of successful launch and proper operation of countermeasure devices.

3. Policy. External Countermeasure demonstrations will be conducted on Material Inspections of submarines as follows:

a. External Countermeasure Systems will be operated in accordance with applicable ship class Ship System Manual Operating Instructions.

b. One countermeasure device will be launched on each inspection of submarines equipped with external countermeasure systems. The device to be launched will be selected by the INSURV Weapons uniformed inspector, subject to the following priorities:

(1) Condition Code C countermeasures with 3 months of service life remaining are preferred.

(2) Condition Code B countermeasures with 6 months of service life are the second preference.

(3) Condition Code A countermeasures will be used if no C or B devices are available. Preference will be given to selection of devices with older manufacture dates, if possible.

(4) Other condition codes are unsuitable for INSURV demonstration use.

(5) If the first countermeasure misfires, a second countermeasure will be used, with selection process identical to (1) - (3) above.

(6) The INSURV Weapons Inspector will select a MK-3 or MK-4 countermeasure upon arrival for the demonstration, subject to the constraints above.

4. Pre-Inspection Requirements. Conduct of the External Countermeasure Demonstration will require the ship to obtain TYCOM authorization for ordnance expenditure prior to the inspection. With that exception, no additional pre-inspection actions by the ship are required beyond those specified in OPNAVINST 4730.2 (series) and the inspection services message sent approximately 45 days prior to the inspection.

5. Post-Inspection Reporting. Ships should submit results of the countermeasure firing demonstration per appropriate portions of Figure 2126-1 of COMSUBLANT/COMSUBPACINST 8500.4B Conventional Weapons Manual.

6. The ship's Commanding Officer remains completely responsible for the safe conduct of this demonstration. Nothing is more important than safety of personnel and equipment.

//s//
R. O. Wray

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